The

HEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

blished 1850

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 4 0 2 CXLIII APRIL 21, 1945

Annual Subscription (with Diary) 25/-. Single copies 9d.

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THOMAS HENRY

HUXLEY

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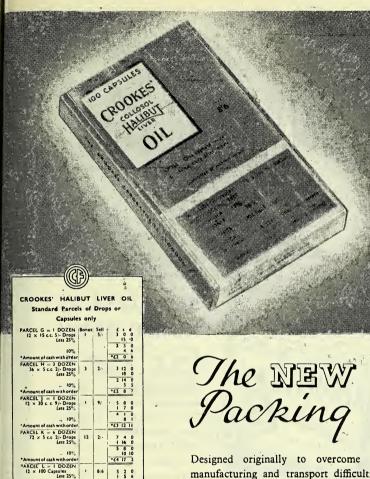
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LIQUID	40 c.c. bo		••		3/412	2/11/2	+	41/2	25/3	++	4
OPHTHALM	O-ANTIP	EOL									
20 gr. Nozzled Tu	be	• •			3/4½	2/1½	+	41/2	25/3	+	4/
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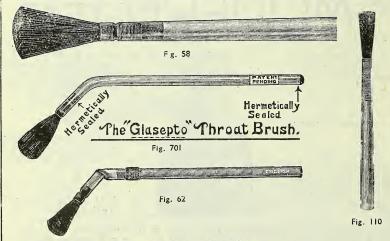
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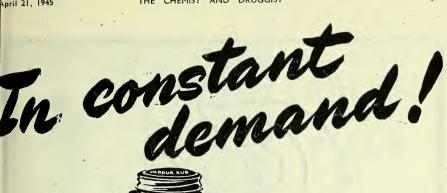
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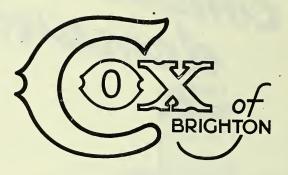
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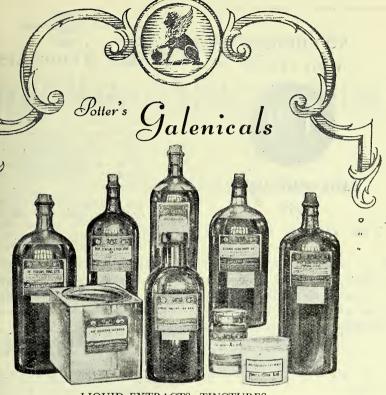
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NEWS OF THE WEEK

Central-heating Ban.—The use of central eating in non-industrial establishments, acluding shops and offices, and of alternative methods of heating (e.g. gas, electric or pal fires) in non-residential parts of such remises, is prohibited in England and Vales, except under permit, between April 7 and October 31.

Hints to Business Men.—The Department f Overseas Trade has issued a further atch of its pamphlets "Hints to Business Ien." The latest publications relate to lire, Egypt, British East Africa, Belgian ongo, United States of America, Portugal, Iadeira and the Azores, Cuba, the Dominian Republic and Haiti. Copies may be btained on application to the Department t 35 Old Queen Street, London, S.W.I.

Import Licensing.—Notice to Importers for 163, which has just been issued, brings p to date the regulations controlling mports into the United Kingdom. Appenix I contains a short list of commodities nat may be imported without separate cences from any country; Appendix II

concerns goods which can, subject to certain conditions, be imported without separate licences, if consigned from any part of the British Empire; Appendix III concerns goods which can be imported without separate licence if consigned from Eire.

Pharmaceutical Society Examination Results.—The following candidates were successful in the Chemist and Druggist Qualifying examination held in England and Wales in March-April:—

Adams, Stuart Vincent, Netherfield Baldwin, Kenneth James, Croydon Bowler, Wilfrid James, Nottingham Clark, Harold James, Dowlais Davies, Nonwy, Resolven Davies, William Lloyd, Ammanford Earley, Frederick John, Seaforth Hodges, Thomas Frederick, Leicester Humphreys, Leonard, Aberdare Jacobs, Aaron Shirley, Leicester Johns, Barbara Isobel, Swansea Joseph, Montague, Cardiff Larder, Kenneth, Sheffield

Lewis, Bertie, Ystrad-Rhondda Marshall, Ernest, Heanor Martin, Vivienne Betty, Blackpool Mason, Irene May, Swansea

Savings Total.—Employees of Boots, Ltd., have invested £1,015,908 in small savings during the five years their National Savings group has been in operation.

Drug Works Explosion.—An explosion and fire occurred at the Runcorn, Cheshire, works of Evans Sons Lescher & Webb, Ltd., recently. There were no fatal casualties. The explosion occurred in the newest part of the premises—the Evans Bacteriological Institute.

Empire Leprosy Campaign.—A meeting to mark the twenty-first anniversary of the foundation of the British Empire Leprosy Relief Association, and to inaugurate a campaign to raise a sum of £210,000, is to be held at the Mansion House, London, on April 26. The Colonial Secretary (Colonel Oliver Stanley, M.P.) is to speak.

French Industrialists' Visit.—A small party of representative French industrialists is shortly to visit this country at the invitation of the Federation of British Industries and with the approval of the British and French Governments. Discussion will take place between the two bodies with a view to ascertaining conditions in each other's country and in the hope that individual contacts will be stimulated.

Colonial Chemical Industries.— The annual report of the Imperial Institute, South Kensington, suggests possible developments in the chemical and allied industries of the Colonies. More intensive geological surveys are contemplated. An Australian firm is reported to be preparing a scheme of production of fruit juice in New Guinea; and another is considering the possibilities of citrus-juice extraction in Nigeria.

Post-graduate Medical Training. — A scheme of post-graduate training for medical officers released from the Forces has been discussed at conferences between the Ministry of Health, the Department of Health for Scotland, the Universities, and other bodies concerned. Arising out of these discussions the two Departments have now sent to the Universities a memorandum setting out details of a scheme of post-graduate training.

Distribution Institute.—The Board of Trade has granted a certificate of Incorporation to the Institute of Distribution, formed a few months ago. The first annual

meeting will be held in June; it will made the occasion of a Planning Conferen to decide upon extending the organisati to cope with the growing demand I scientifically acquired information a statistics. The Institute is co-operati in the investigation preliminary to a Cens of Distribution, the first ever taken in the country, which is to be complementary the Census of Production. The preside of the Institute is Dr. Leslie Burgin, M. with Mr. Shaun P. O'Connor as honora organiser. At the headquarters, 22 Chari Cross Road, London, W.C.2, a referer library is being commenced, together wi a general statistical and information serviregisters of research work in progress, e Recent enrolments of members inclu Burroughs Wellcome & Co., Ltd., a Aspro, Ltd.

Association of Tar Distillers.—At t recent annual meeting of the Associati the following officers and executive co mittee were elected: President, Mr. Billbrough (Yorkshire Tar Distillers, Ltd Vice-president, Mr. W. A. Walmsl (Thomas Ness, Ltd.); Treasurer, Capta C. W. Harriss (Burt, Boulton & Haywoo Ltd.); Auditor, Mr. E. Hardman; Exec tive Committee, the president, vice-preside and treasurer, Messrs. H. H. Bates, Bradbury, W. A. Bristow, T. H. Butl C. E. Carey, J. Colligon, C. F. Dutto E. Hardman, L. Hilton, C. Lord, C. Murray, J. H. Olliver, W. H. Philli R. B. Robinson, A. G. Saunders, a J. Simpson. The Association has n completed fifty years of existence. annual report stated that during the ye the demand for tar products had be well maintained. The year had seen t establishment of the British Tar Co federation, consisting of the National (Council, British Association of Coke-ov Tar Producers, and the Association of T Distillers. The report of a research su committee had secured immediate unanimous support throughout the Assoc tion for a recommendation to set up research association for the industry. Association had presented a memorandi dealing with the post-war distribution the main products—creosote and pit and their admixtures, such as refined and coal-tar fuel. This memorandum h been well received by the Ministry of F and Power side of the joint committ and an early assurance obtained of Mir. terial support in certain directions pressing importance.

LEGAL REPORTS

Fines Reduced.—At Sheffield, on April 7, 2000 Mahomed, a British Indian, of tercliffe Common, Sheffield, appealed ainst fines of £250 for wrongfully manucturing perfume and £100 for being in Ssession of methylated spirit. The ecorder reduced the fines to £100 and £25 spectively.

Pharmacy Act Fines.—At Woolwich agistrates' court, on April 12, fines nounting to £14, with £7 7s. costs, were posed on Ernest & May, Ltd., 14 Newarket Green, Eltham, on summonses of plawfully selling by retail acetanilide in ntikamnia tablets and lead acetate in rlex compound. There were also sumonses for selling the preparations in ontainers not bearing on the label the ame and address of the seller. The defence rged that, under Section 20 of the Pharacy and Poisons Act, 1933, a qualified entist could use statutory poisons in the ourse of his profession. Mr. Moore (the anaging director) practised as a dentist rooms above the shop, and it seemed diculous that upstairs he could prescribe he tablets for his patients but downstairs as not allowed to do so. Before the war e had had a qualified assistant to manage he business, but the assistant had been alled up, and it had been impossible to btain another pharmacist to replace him.

Manufacturing Chemists Committed for rial.—After an all-day sitting at the North ondon magistrates' court on March 29, a ase was dealt with in which it was alleged hat Louis Arnold Ambrose, 3 Roman Road, Bethnal Green, and Mordecai Joseph Kempler, 53 Northfield Road, Stamford fill, described as manufacturing chemists, ere concerned together, at their business remises, 69 Stoke Newington, Church treet, London, N., on February 3, whilst rmed with an offensive weapon, in robbing Bernard Lewis of £7 in cash and a cheque or £293, and Maurice Baker of £6; and in onspiring with Solomon Joseph Magnus nd a man known as "Mac" to rob Bernard ewis and Maurice Baker. Prosecutors said hat they were business partners in a firm Oxford Street, London, W.I, which had een buying all the products of defendants' rm (Kembrose, Ltd., 69 Stoke Newington ligh Street) and that on February 3 they vere asked to go to Kembrose's office to neet an accountant about some business. nstead, they were met, they alleged, by efendants and two other men. £300 was emanded from each of them "as a share of the profits they had made on Kembrose products." Baker was forced to part with \pounds 6 and made to promise to return the following Monday with \pounds 294, and Lewis was made to give up \pounds 7 and a cheque for \pounds 293. Defendants pleaded not guilty and reserved their defence. They were committed for trial and allowed bail in sureties of \pounds 100 each.

PARLIAMENTARY NEWS

Advertising Displays.—The Minister of Town and Country Planning (Mr. W. S. Morrison), asked on April 12 what steps he was taking to control the erection of advertising signs, said the Government was now considering whether future legislation for such control was needed and what form the legislation should take.

"British Wine Port Type."—Mr. Stokes asked the Minister of Food recently whether his attention had been called to the sale of red wine called "British Wine Port Type" manufactured by a chemical process and bottled by Santiago Neuhofer, London, E.I; whether he was aware that the sale price was 15s. 6d. per bottle; that the retailers passed it off as Algerian wine; and whether he would state the name of the manufacturers and the date on which his Department had passed it as fit for human consumption. Mr. Mabane replied that he was aware that limited quantities of this product had been sold, and inquiries were being made into the source of supply. Mr. Stokes: Why is it impossible for the Minister to tell us the names of the manufacturers of this poisonous beverage? Mr. Mabane: Because we do not know. Mr. Vernon Bartlett: Will the right hon. Gentleman explain why this spurious beverage is still on sale? Mr. Mabane: We are making inquiries to find out the source of supply. We have discovered the source of the first supply and that has been stopped. Mr. Stokes: Is the right hon. Gentleman aware that there was a prosecution in Bath police court, and that all the reports concerning it have been suppressed? Surely, when the stuff is sold the Ministry must know who made it and it must be done with the approval of the inspectors of the Ministry? Mr. Mabane: I do not know what the hon. Member means when he says that the reports have been suppressed, but action in the form of a prosecution is a matter for the local authorities, who operate the Food and Drugs Act.

Still Heading the List.—Paper is still priority No. 1 on the salvage list.

PERSONALITIES

MR. ALLEN ALDINGTON, M.P.S., has been elected president of the Tottenham Camera Club.

Mr. Hubert Francis, M.P.S., Hope Street, Wrexham, has been elected to the Commission of the Peace for the borough.

Mr. J. W. Venters, M.P.S., East Wemyss, Fife, has retired after thirty years as a dispensing chemist in the village.

Mr. W. H. Wandless, M.P.S., 2 King Street, Whitehaven, Cumberland, has been elected vice-chairman of the North of England Joint Insurance (Prescriptions) Committee for the year 1945.

Mr. J. S. Balmer, M.P.S.N.I. (J. S. Balmer, Ltd., chemists, Bangor, co. Down, N. Ireland), has been appointed a member of the select vestry, a parochial nominator and a diocesan synodsman of the Bangor Parish Church.

Mr. Hugh N. Linstead, O.B.E., M.P., addressed members of the Bradford Rotary Club on April 16. He discussed the manner in which doctors and chemists might be affected after the war by the National Health Service proposals.

Mr. A. B. Gilmour, M.B.E., M.P.S., F.C.I.I., 8 Hertford Avenue, Glasgow, W.2 (telephone: Western 1293), has been appointed secretary and treasurer of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society, in succession to Mr. Robert McAdam, who has resigned.

Mr. C. Oglesby has retired from his position as manager for Boots, Ltd., Hertford. He had been continuously in the service of the company since 1911. He served his apprenticeship at Harrow, and had business experience in various parts of London and in Reading and Eastbourne.

SIR CLIVE BAILLIEU, K.B.E., C.M.G., who has been elected president of the Federation of British Industries, was appointed an executive member of the Export Council in 1940, and became Director-General of the British Purchasing Mission in the United States in 1941. He has also been head of the British Raw Materials Mission in the United States and British representative on the Combined Raw Materials Board. Elected deputy-president of the Federation of British Industries in 1943, he is a director of a number of companies.

Mr. F. C. Wilson, M.P.S., Bradford member of the Pharmaceutical Society Council), contributed a letter to the correpondence columns of the "Manchest Guardian" on April 17, in which he referre to the reversal of a recent decision by to Central Pharmaceutical War Committee, a result of which a pharmacist in an out-the-way Yorkshire village is now bein allowed to continue to practise there. Me Wilson urged the right of every man ar woman to have reasonable access to pharmaceutical unit under a Nation Health Service.

Mr. Robert Hay, 518 Scotswood Roa Newcastle-on-Tyne, who was recent

elected chairman of the Northumberland and Gateshead Branch of the National Pharmaceutical Union, served his apprenticeship in pharmacy with Mr. Christopher Hounam, Duns, Berwickshire, 1906-After a short period as assistant with Bisset & Gilmour, Burntisland. Fife, he took up his



studies at the Royal Dispensary School of pharmacy, Edinburgh (Duncan's classes and passed the Chemist and Druggist Qual fying examination in 1912. From that yea until 1915, when he enlisted in the Roya Army Medical Corps, he managed Bisset' Pharmacy, Tayport, Fife. Invalided ou of the Army in 1916, he served three year as first assistant dispenser at the Laboratory Royal Infirmary, Edinburgh, under the lat Mr. Thomas Alexander, and four years a manager for T. S. Peebles, Ltd., Lockie Dundee, before setting up in business on hi own account at Newcastle. He has been a member of the committee of the New castle District and Northumberland Branch of the Pharmaceutical Society almos continuously since 1925, and was elected president of the branch, 1937–38. In 1938 he took on the duties of secretary of the local branch of the N.P.U., retiring there from in February 1944. A member of the Newcastle Pharmaceutical Committee, he has also been a member of the local pharmaceutical war committee since its inception.

TOPICAL REFLECTIONS

oduction During the War

In calling attention in an editorial article 379) to the remarkable output of many nds of medical and surgical requisites ring the war, you have given information at needed to be recorded. What is known that the public memory is so defective at facts of this kind are likely soon to be rgotten. It is clear that the war supplies inufactured by British houses in the emical and allied industries in the past e and a half years largely exceed those 1914-18. It is perhaps desirable to add at in the four years of the last great war r manufacturers rose to the occasion with effort that was, in fact, considerable. y looking through two authoritative atements in The Chemist and Druggist r the year 1919 I have refreshed my emory on this topic. The statements cur in a paper read at Leeds by the then ditor (Mr. S. W. Woolley) and in the esidential address of Professor Henry ouis at the annual meeting of the Society Chemical Industry. It was shown by oth these authorities that a great variety fine and heavy chemicals, scientific struments, glassware and other requisites r warfare had been produced in satisctory quantities. Professor Louis claimed nat "every single chemist in Great Britain as been engaged directly or indirectly on ar work in some form or other," and gave ertain statistics of production. Research ad, of course, to keep abreast of specific equirements; for instance, the castor oil sed in lubricating aeroplane engines had be modified so as to obviate its freezing t high altitudes.

laintaining a Lead

My chief object in this brief reference to former period of emergency is to remind our readers of an inference drawn by both bese speakers and by some of their commoraries. At the meeting of the Society Chemical Industry just referred to, Dr. derbert Levinstein put the matter thus: The real work of the chemists lay before them, for upon them rested the responsibility of securing the opportunities which the soldiers had won." Mr. Woolley, from different standpoint, made a similar eduction: "One of the best protections gainst German aggression. is eduting ourselves in technical matters to a candard that will make us superior to our ampetitors." Late in the same year you noted as follows from an article in the

"British Trade Journal": "The manufactures achieved and the developments made under war conditions will not survive peace-time conditions, and . . . unless great efforts are made now and during the next few years to develop and stabilise our fine-chemical industry, for which purpose much energy on the part of our manufacturers and some Government assistance are essential, we shall inevitably drift back to our 1914 condition of dependence on other countries." Such pronouncements hardly need comment. If that was the position and that the danger of 1919, what is the position and what the danger in present circumstances?

A Medical Censorship

The reference of Mr. T. D. Whittet to the Council on Pharmacy and Chemistry of the American Medical Association (p. 382) reintroduces a subject mentioned by the late Mr. Herbert Skinner in an address from the chair of the British Pharmaceutical Conference in 1932 (C. & D., 1932. II. 312). Mr. Whittet suggests that a similar body might be formed in this country; that it might include representatives of pharmacy; that it should be financed from public funds; and that it should try to obtain international agreements. Whether public money would be forthcoming for such a scheme or not, this is, I submit, primarily a medical responsibility; accordingly, the Pharmaceutical Society should not be asked for a financial contribution. Its Council could nominate a certain number of pharmacists to serve on any ad hoc body set up by the British Medical Association, on the understanding that expenses were the concern of the Association. The American Medical Association has more than one council at work under_its scheme of censorship. In a Press cutting before me the acceptance of a diathermy set is notified. The report begins, under its heading: "This unit is recommended by the distributor for medical and surgical diathermy." A technical description of the apparatus follows, and the report continues: clinic acceptable to the Council, the tissue heating ability of the machine was investigated. Cuff electrodes, about 5 by 50 cm., were used . . ." Details of the test and a summary of results are given, and it is announced that the Council on Physical Therapy of the Association voted for the inclusion of the set on its list of accepted apparatus. Xrayser

COMPANY NEWS

CEZANNE, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, toilet requisites, etc. Directors to be appointed. R.O.: 4 Grantham Road, Newcastle-on-Tyne, 2.

Howlings, Ltd. (P.C.).—Capital £1,000. Wholesale, retail and manufacturing chemists, etc. Stanley C. Churcher and W. Griffin, directors. R.O.: 92 Fleet Street, London, E.C.4.

B. & R. PRODUCTS (LEEDS), LTD. (P.C.).—Capital £1,200. Chemists, druggists, etc. Sam T. Hall and Charles C. Busfield, directors. R.O.: 4 Trevelyan Chambers, 7 Boar Lane, Leeds, 1.

J. Marshall-Woodcock, Ltd. (P.C.).—Capital £500. Chemists, druggists, etc. Ida D. M. Woodcock and Frank E. J. Betts, M.P.S., directors. R.O.: 102 Lower Addiscome Road, Croydon.

VITAGENS (GREAT BRITAIN), LTD. (P.C.).—Capital £1,000. Wholesale distributors of medical products, etc. Grace Reeves and W. F. English, directors. R.O.: 17 Victoria Street, London, S.W.1.

ERNEST H. LAW, LTD. (P.C.).—Capital £500. Pharmaceutical, manufacturing and general chemists, etc. Jessie Law and Isaac E. Waddingham, M.P.S., directors. R.O.: 93 Fair Road, Wibsey, Bradford.

Green's Pharmacies (Wholesale Department); Ltd. (P.C.).—Capital £2,500. Manufacturers, wholesalers; exporters and importers of and agents for chemical products, etc. W. H. Green, M.P.S., Mary E. Green, Alan W. Green and Basil H. Green, directors. R.O.: 20 City Arcade, Coventry.

British Photographic Industries, Ltd.—Mr. J. H. W. Chivers has been appointed a director.

ILFORD, LTD.—Messrs. G. B. Harrison, B.Sc., Ph.D., F.R.P.S. and James Mitchell, M.A., B.Sc., F.R.P.S., have been appointed to the board of directors.

Kodak, Ltd.—Mr. E. E. Blake, formerly managing director, has been appointed deputy chairman. Mr. D. McMaster, formerly factory manager, becomes assistant deputy chairman; and Mr. H. S. Carpenter managing director.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Directors have declared a final dividend on the ordinary stock of 5 per cent., which, together with the interim of 3 per cent.,

makes 8 per cent., less tax, for 1944 (sam as in the previous year). The net income for 1944, after providing for taxation and £2,500,000 for the central obsolescence and depreciation fund, amounts to £6,972,988 against £6,685,345 in 1943.

Damancy & Co., Ltd.—Mr. Perciva Graham Horlington, M.P.S., has beer appointed a director. For thirteen years prior to the present war Mr. Horlington was North of England representative for the company, residing in Leeds. In 194c he rejoined the Royal Air Force, in which he had been commissioned in the war of 1914–18, and was invalided out in December 1944, with the rank of Squadron-Leader. For the past three months he has been the company's sales manager.

Liquidation.—A first meeting of creditors and contributories of BROADWAY SURGICAL Bureau, Ltd., London, W.I, was held on March 9. The company was incorporated in July 1943 to carry on business as manufacturers of cosmetics, and particularly to acquire the wholesale distribution of the brand Jean Claude. Mr. Arthur Stafford Northcote was acting as sole director at the date of the winding-up order. He stated he was to receive £1,500 per annum; he did, in fact, receive \tilde{f}_{15} weekly to April 1944 and f_{20} thereafter. He carried on business as a supplier of cosmetics and surgical requisites under the name of the Broadway Surgical Bureau from 1935, and the company purchased the goodwill of his business for £100 in shares. Turnover from July 1943 to December 1944 was approximately £90,000. In July 1944 sales fell off owing to flying-bomb attacks and transport difficulties, and it was later decided to dispose of the stocks to Madelox, Ltd., Manchester. Subsequently another company, registered as Jean Claude, Ltd., undertook to pay liabilities of £14,870 in consideration of the stock being handed over to them. No statement of affairs had been filed, but liabilities were estimated at £11,050, against assets valued at £30,000, and consisting of book debts, £26,000; and stock, £4,000. Mr. Northcote did not admit that the company had failed, and attributed the liquidation to inability to collect the debts and difficulty in finding out the position of the company from time to time owing to the constant use of the records for official inquiries. A resolution was passed that Mr. T. J. M. McLeod, 4 Bucklersbury, London, E.C., should wind up the company.

TRADE NOTES

Stain Remover.—Described as the only in remover with a cleaning pad, Dabitoff, non-inflammable preparation, is offered Chemo-Plastics, Ltd., 17 Manchester

uare, London, W.1.

Antacid Enzyme Compound .- Enzyvite, preparation marketed by Enzyme Procts, Ltd., 17 Victoria Street, London, W.I, is an antacid enzyme compound ntaining a combination of antacids and gestive enzymes to aid in the treatment stomach and duodenal pathology. No dium bicarbonate or magnesium carbone is incorporated in the preparation.

All-purpose Reflex Camera.—An an-uncement is made by A. Kershaw & ns, Ltd., 3 Embassy Buildings, Germain reet, Chesham, Bucks, that, so soon as the mpany's factories are permitted to return peace-time work, the Kershaw-Soho flex camera will again be available in d.v. and quarter-plate sizes. The instruent is an all-purpose camera which can be commended to amateur workers.

New Bactericide. - A new anti-pyocyanea empound, Phenoxetol-Nipa ($\hat{\beta}$ -phenoxyhyl alcohol), specially purified and standdised for use in medical treatments and pharmaceutical preparations, is offered trough the sole distributors, P. Samuelson Co., 17 Creechurch Lane, Leadenhall creet, London, E.C.3. by Nipa Laboratories Technical inquiries should be fortd. arded to the makers at Treforest Trading state, Pontypridd, Glam.

A Record of the Inter-war Years .-- A ook recently issued by Cadbury Bros., td., Bourneville, provides, in the form of n industrial record of the company's work the period 1919-39, a valuable signpost ointing the way to solution of some of the ifficult problems confronting industrialists ho are today planning post-war policy. low can changing taste and varying de-ands best be met? How far should masseconomies be sacrificed roduction ariety? How can products be distributed nost efficiently? What opportunities can e given to workers to fit themselves for esponsibilities? What are the employer's esponsibilities towards workers displaced y mechanisation? These are some of the uestions the book discusses. Any director r proprietor who feels that he may benefit rom the experience of this old-established oncern, which stlll remains in many espects a family business, should write to he company for information.

Additions to Technical Staff.—Ashe Laboratories, Ltd., 120-22 Victoria Street, London, S.W.I, announce that Messrs, D. I. Duveen, F.R.I.C., E. G. Hatten, H. S. Young, B.Sc., A.R.I.C., and P. Lewis Smith, M.P.S., have been appointed to the company's technical staff. All will serve under the direction of Dr. W. E. Gaunt, who has spent many years in intensive research on amino acids and protein digests. Mr. Duveen will develop the full-scale production of these compounds; he is the author or part author of several papers on the preparation and isolation of substituted naphthacenes and their photo-oxides. He will be assisted by Mr. E. G. Hatten, who for many years has been engaged in the production of fine chemicals and therapeutic preparations. Mr. Young takes over the post of food chemist to the company; during the war years he has served on several committees appointed by the Ministry of Food. Mr. Smith joins the pharmaceutical section.

Business Changes

MR. A. NEWBERY HOBBS, M.P.S., is reopening the pharmacy formerly carried on by Mr. H. Barnett, M.P.S., at 110 High Street, Hythe, Kent.

EAST WEMYSS CO-OPERATIVE SOCIETY, Ltd., has purchased the pharmaceutical business of Mr. J. W. Venters, M.P.S., Main Road, East Wemyss, Fife.

Samuel Lewis & Co., manufacturers of veterinary and homeopathic preparations, have removed to Britannia Works, Cold Blow, New Cross, London, S.E.14 (Telephone: Tideway 1901).

Proprietary Articles Trade Association

Alterations to Protected List.—E.N.T. Manufacturing Co., Ltd., E.N.T. powders and capsules, 10s. 8d. doz., tax 1s. 9d. doz., inclusive retail price 1s. 6d.; 21s. 4d. doz., tax 3s. 7d. doz., i.r.p. 3s. Less 5 per cent. display discount

doz., 1.r.p. 3s. Less 5 per cent. display discount on £2 orders and upwards.

Glaxo Laboratories, Ltd., Pelonin tablets, 25's, 1s. 6d., 13s. 6d. doz.; 100's, 4s., 36s. doz.; 1,000's, 37s. 6d., 26s. 1½d. each (all exempt from tax); ampoules, 6×2-c.c., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 4½d.; 12×2-c.c., 48s. doz., tax 8s. doz., i.r.p. 6s.; 100×2-c.c., 27s. each, tax 4s. 6d. each, i.r.p. 40s. 6d.; 25 d. doz., and doz. Pelonin amide tablets, 25's, 2s. 3d., 20s. 3d. doz.; 100's, 7s., 63s. doz.; 1,000's, 64s., 48s. each (all exempt from tax); ampoules, 6×2-c.c., 31s. 6d. doz., tax 5s. 3d. doz., i.r.p. 3s. 11d.; 12×2-c.c., 60s. doz., tax 10s. doz., i.r.p. 7s. 6d.; 100×2-c.c., 31s. 6d. each, tax 5s. 3d. each, i.r.p. 47s. 3d.

BIRTHS

COOKE.—On April 4, the wife of Albert Cooke, M.P.S., 47 Booth Road, Waterfoot, Rossendale, Lancs, of a son.

THORBURN.—At Galashiels Hospital, on April 5, the wife of Kenneth H. Thorburn, M.P.S., Exchange Buildings, Melrose, of a daughter.

MARRIAGES

Bowden—Crossley.—At St. John's Parish Church, Farnworth, Lancs, on April 14, Sick Berth Petty Officer Jack Bowden, M.P.S., son of Mr. James Y. Bowden, M.P.S., 68 Rawson Street, Farnworth, Lancs, to Kathleen Crossley, Farnworth. Petty Officer Bowden is at present serving in the Penicillin Production Unit, Royal Naval Medical College.

MULLEN—CUSACK.—At St. Andrew's Church, Dublin, recently, James J. Mullen, Ph.C., Omagh, co. Tyrone, to Violet Cusack, Tramore, co. Waterford.

Golden Wedding.—EVANS—RICHARDS.—At the Parish Church, Tavistock, Devon, on April 20, 1895, John Evans, M.P.S., Aberdovey, North Wales, to Jessey Blanche Richards, Tavistock. Present address: 7 St. Barnabas Road, Cambridge.

DEATHS

BUNTING.—On April 5, Mr. Henry Frank Bunting, Ph.C., 87 High Street, Ashford, Kent.

Campbell.—On March 30, Mrs. Doris Amy Campbell, M.P.S., 66 Halford Road, Ickenham, Middlesex. Mrs. Campbell qualified in 1925.

Drummond.—On March 25, Mr. William Donaldson Drummond, 323 Hilton Drive, Aberdeen, aged seventy-two.

Melrose.—Suddenly, on April 14, Mr. James Hutton Nicol McArthur Melrose, M.P.S., 7 Callendar Riggs, Falkirk, a son of the late Mr. Francis Melrose, M.P.S., Methil. Mr. James Melrose qualified in 1926.

SHAW.—On March 27, Mr. Richard Gordon Shaw, M.P.S., 28 Cranbrook Avenue, Beeston Hill, Leeds, 11, aged thirty-five.

SHEED.—At the Windsor Hotel, Glenfern Gardens, Boarnemouth, on March 23, Mr. William Sheed, M.P.S., formerly of 98 Charlotte Street, Fraserburgh, Aberdeen. Mr. Sheed qualified in 1897.

COMING EVENTS

Monday, April 23

FOOD EDUCATION SOCIETY, LONDON School Medicine and Tropical Hygiene, Kep. Street, London, W.C.1, at 2.30 p.m. Le Portsmouth on "Food and Agriculture."

Tuesday, April 24

Manchester Pharmaceutical Associati and Branch, Onward Hall, 207 Deansga Manchester, at 7.45 p.m. Annual meeting.

Institute of Export, Assembly Hall, Roy Empire Society Building, Northumberla Avenue, London, W.C.2, at 12.30 p.m. Lund Mr. H. S. Mackintosh on "Trends in t Western Hemisphere." Admission by tick only, obtainable from secretary.

Western Pharmacists' Association, Lectu theatre, 17 Bloomsbury Square, Londo W.C.1, at 7.30 p.m. "Any Questions answered by Messrs. E. A. Brocklehurst, Heseltine, H. Steinman, and Alderman W. Tristram, J.P.

Wednesday, April 25

Tees-side Branch, Pharmaceutical Societ Cleveland Scientific Institute, Middlesbroug at 7.15 p.m. Mr. R. MacDonald Murray ("Current Pharmaceutical Topics."

BIRMINGHAM PHARMACEUTICAL ASSOCIATION Imperial Hotel, Temple Street, Birminghan at 5.30 p.m. Dinner-dance. The M.C.'s will be Messrs. E. C. Thonger and D. J. Rushton Tickets 128, 6d. each.

Thursday, April 26

Harrow Branch, Pharmaceutical Society Baptist Chapel Hall, College Road, Harrow at 7.15 p.m. Mr. A. L. Bacharach, M.A., or "Penicillin."

NATIONAL ASSOCIATION OF WOMEN PHARMA CISTS, 17 Bloomsbury Square, London, W.C.1 at 7 p.m. Annual meeting.

THAMES VALLEY BRANCH, PHARMACEUTICA SOCIETY, Kingston Hotel, Kingston-on Thames, at 7.45 p.m. Film, "Sex Hormones, introduced by Dr. J. S. White.

St. Andrew's and Dundee Branch, Chem ICAL Society, Chemistry Department, University College, Dundee, at 4.30 p.m. Pro fessor G. D. Preston, Sc.D., on "The Structure and Chemistry of Metallic Crystals."

SOMERSET BRANCHES, PHARMACEUTICAL SO CIETY and NATIONAL PHARMACEUTICAI UNION, The Élysée, Weston-super-Mare, at 3.15 p.m. Joint annual meeting. Election of Officers. Pharmaceutical "quiz" conducted by Mr. W. Deacon (a member of the Society's Council).

Sunday, April 29

Manchester Pharmaceutical Association. Ramble, Grindleford to Baslow. Meet Central Station, 8.45 a.m. Book Grindleford return.

COSTLY DRUGS: FURTHER P.T. EXEMPTIONS PROPOSED

September 1941, the Treasury issued the Purchase Tax (Exemptions) (No. 1) Order, oving the tax on certain "Essential Drugs of an Exceptionally Costly Character" the Chemist and Druggist Diary and Year Book, 1945," p. 365). It is now proposed nake an Order exempting an additional list of this class of products.

s following notice has been received from Treasury. Any representations which rested parties desire to make in regard the proposal should be addressed in ting to the Commissioners of Customs

Excise, City Gate House, Finsbury are, London, E.C.2, not later than lay, May 4, 1945. (See Editorial on

405.) The Lords Commissioners of jesty's Treasury hereby give notice that y propose to make an Order under tion 20 of the Finance (No. 2) Act, 1940, ecting that purchase tax shall ceas: to chargeable on the essential drugs and dicines of an exceptionally costly charer, and preparations thereof, set out full in the list which is reproduced

.--(1) Perfumed ethyl chloride.

(2) Vinyl ether.

(3) Acetarsol, salts thereof and preparans containing not less than 10 per cent. weight of acetarsol or the equivalent ereof.

(4) Any one of the following substances, epared for use by injection:

Bismuth and compounds thereof;

Mercury and salts thereof. (5) The diethylamine salt of 5:5-dilylbarbituric acid and the diethylamine t of 5-allyl-5-isopropylbarbituric acid epared together for use by injection.

2. Preparations consisting only of phenoazine and one or more of the following ngs, namely, an excipient, vehicle, base preservative.

3. The following substances, and preptions consisting only of one of those ostances and one or more of the following ngs, namely, an excipient, vehicle, base preservative:

Compounds whereof the sole constituents are insulin, a protein other than

protamine, and zinc;

Hormones produced from the anterior obe of the pituitary gland, the following: growth hormone, thyrotrophic hormone, actogenic hormone, gonadotrophic hormone, and combinations of any two or more of those hormones;

Esters of stilbæstrol, esters of hexestrol, dienœstrol and esters of dien-

estrol;

Methyltestosterone and esters thereof;

Chorionic gonadotrophin (equine);

Preparations of stomach containing the hæmopoietic principle thereof in a concentrated form (other than desiccated stomach);

The dimethylcarbamic ester of any 3-hydroxy-phenyl-trimethylammonium salt or of any 3-hydroxy-phenyl-trimethylammonium alkyl salt (other than

the methyl sulphate).

4.—(1) The following substances and preparations consisting only of one of those substances and one or more of the following things, namely, an excipient, vehicle, base or preservative:

Amethocaine hydrochloride;

Bismuth tryparsamide;

α-Butyloxycinchoninic acid diethylethylenediamide hydrochloride;

Dihydromorphinone, and salts thereof; 3: 4-Dihydroxy-1-(α-hydroxy-β-aminopropyl) benzene hydrochloride;

Ephedrine and salts thereof; Hyoscine and salts thereof;

Esters of morphine and ethers of morphine and salts of any such esters or ethers;

Nikethamide;

Oxophenarsine, and salts thereof;

Penicillin salts as defined by paragraph I of the Schedule added by the Therapeutic Substances Amendment (No. 2) Regulations, 1944 (made under the Therapeutic Substances Act, 1925), to the Therapeutic Substances Regulations, 1931 (so made), as in force at the date of the making of the proposed Order, other than any such salt intended to be used solely for veterinary purposes;

Pentose nucleotide, and salts thereof;

Pethidine hydrochloride;

Sodium aurothiomalate; Sodium aurothiosulphate;

The sodium salt of 1-methyl-5-allyl-5isopropylbarbituric acid;

The sodium salt of 5-ethyl-5-(γmethylbutyl)-thiobarbituric acid;

The sodium salt of $5-\Delta^2$ -cyclohexenyl-5-allyl-thiobarbituric acid;

Tryparsamide.

(2) Preparations consisting only of two or more of the following substances, whether with one or more of the following things, namely, an excipient, vehicle, base or preservative, or not:

(a) any of the substances specified in

the preceding sub-paragraph;

(b) pituitary (posterior lobe) extract as defined by paragraph 1 of the Fifth Schedule to the Therapeutic Substances Regulations, 1931 (made under the Therapeutic Substances Act, 1925), and other preparations of the posterior lobe of the pituitary gland;

(c) any of the substances specified in the Schedule to the Purchase Tax (Exemptions) (No. 1) Order, 1941, as at the date of the making thereof, in the cntry containing a list beginning with the word "Adrenaline" and ending with the words "The sodium salt of 5-ethyl-5-(α -methyl-butyl)-thiobarbituric acid";

other than preparations specified in the Schedule to the said Order of 1941 as at the

date aforesaid.

5. Preparations consisting only of one of the following substances and any aminoacridine flavine, whether with one or more of the following things, namely, an exc pient, vehicle, base or preservative, or not

Para-aminobenzenesulphonamide, sal of para-aminobenzenesulphonamide, drivatives of para-aminobenzenesulphonamide having any of the hydrogen aton of the para-amino group or of the sulphonamide group substituted by an other radical, and salts of such derivative

6. Derivatives of hydroxy-mercuri-amine propane, derivatives of hydroxy-mercur amino-propylene, and preparations consisting only of a derivative of either of the substances and one or more of the followin things, namely, an excipient, vehicle, bas or preservative or theophylline.

7. Therapeutic substances intended to b used solely for veterinary purposes, prepared for use by injection or by application to the scarified skin, the following:

Coryne pyogenes toxoid; Staphylococcus toxoid;

Swine-fever (crystal violet) vaccine.

POST-WAR OBJECTIVES FOR INDUSTRY

At the annual meeting of the Federation of British Industries, held in London on April 11, Sir George Nelson (retiring president) in the course of his speech said:-Since the outbreak of war, this country and fellow-members of the British Commonwealth have been remarkably united. There are people who say that after the war this co-operation between all sections of our community will no longer continue. I believe this view is mistaken, since there will surely be in the minds of all our people two objectives of sufficient strength to maintain co-operation. The first objective is to maintain peace and to insure ourselves against a repetition of the suffering and sorrows of the last six years. The second objective is to restore the prosperity of our people by providing stability of employment and a satisfactory standard of life.

So far as the first objective is concerned, it appears to me that there are only two ways by which aggression can be prevented; the first is for the aggressor nations to cease to have the will for aggression. It may be that in years to come Germany and Japan will acquire that change of heart, but we should indeed be foolish in view of their past record to rely upon that. The second method, and it seems to be the only feasible one, is to ensure that they no longer have the capacity to indulge in aggression and to produce ruin and chaos in the world as they have done. I believe that British industry is unanimous in backing any steps

which our own Government and the United Nations may decide are necessary to provide a system, backed by force, which will prevent a repetition of what we have already suffered twice in our lifetime.

Maximum World Trade

As for our second objective, the restoration of prosperity, it seems to me that the proper approach is to put the machinery of home and international trade into motion on as great a scale as possible, and then to ensure that we have our proper share. In other words, let us try to make the trade cake bigger, so that the slice of it due to us is sufficient to provide our people with the stability of employment we consider is their right and due, while the peoples of the world benefit on a similar scale. This policy is obviously wiser than attempting to obtain an unduly large slice of a smaller cake. It seems to me that the greatest longterm contribution can only come from raising the level of prosperity through the industrial development of the nations which have not so far attained a standard of living comparable with the best. raising of world prosperity is dependent on greater investment of capital, in improving and making available in greater measure technical and industrial experience to those who need it, in co-operation for the establishment of new activities in many countries which have not yet developed their economy to the extent possible.

hanging Export Trends

The nature of our exports will undoubtdly change, and this will hurt certain stablished interests, but I think this trend inescapable if we are to increase the olume of our exports as a whole. In other ords, I feel that the general tendency will e for countries to develop industries to upply their own needs of distributive oods, but out of this will arise a demand or capital or high-grade distributive goods com this country, the total volume of hich can be made to exceed any loss in he field of distributive goods. If the world going to develop into a much more rosperous place, there will be in that rocess certain changes which to my mind annot be avoided or delayed indefinitely, nd which when fully effective will be of ndoubted permanent and immense benefit o a world prosperity and economy in which ve should share. Although we should take long and broad view of these matters, we annot overlook the fact that Britain, by ts sacrifice of credits to pay for the necesary munitions and equipment to hold the oridge of freedom alone, has a particular problem of its own to solve in the early rears after the war, and it is clear that the uture policy of this country must be based on its ability to export the necessary amount of goods and services to enable us to mainain our industrial activity, while at the ame time contributing greatly to the prosperity of those countries from which ve buy supplies.

Constructive Collaboration

To solve these problems as quickly as possible after the war is one of our most rgent needs, and it will require the closest constructive collaboration between the Sovernment in directing labour, the employers and trade unions in ensuring that he most efficient use is made of it. Upon his our whole industrial future depends. Apart from this general question, I have llways felt that there are two sections of the ndustrial community who have both reponsibilities and rights; those sections are he people who control and manage inlustry, and the workmen who are employed n industry. So far as the employers are concerned, they have the responsibility to ee that the equipment of industry is the very pest possible; that research plays its full part in their operations; that the greatest nitiative is displayed and risks taken to nake British industry a live and construcive force in the world. I do not think that employers need be ashamed of their record.

The war effort itself, which has been based upon the developments arising from the enterprise of industry, is an answer to critics of the employers.

I regard the employers and employed as partners, and both must play their part. If management introduces new methods and re-equips its factories, workmen must ensure that the advantages of such development become effective by increasing output, so that the maximum amount of goods can be produced at the least cost, but with the greater output, which will enable them to buy more for the same earnings, and which at the same time will contribute to the establishment of that stability of employment which is the aim of all good employers, and due to all working people.

INSURANCE ACT DISPENSING

Drug Accounts Committee (Scotland).—The following comparative statement shows, in respect of the years 1943 and 1944, the number and value of prescription forms dealt with on behalf of Insurance Committees by the Drug Accounts Committee (Scotland):—

	1944		1943	
	Number of forms	Value	Number of forms	Value
Fifty-four Insur- ance Commit- tees in Scotland Ministry of La- bour — North-	3,310,973	£298,740	3,464,169	£296,533
ern Ireland	831,131	76,392	859,218	73,080
	4,142,104	£375,132	4,323,387	£369,613

Herefordshire.—The medical benefit subcommittee of the Insurance Committee reported recently that it had submitted to the Ministry of Health, as instructed, correspondence regarding the failure of a contracting company to supply drugs ordered on official prescription forms. The Department had replied that the Minister was not in a position to take any action in the matter except in relation to specific cases which were brought to his notice, after investigation, by the pharmaceutical service subcommittee. Information volunteered by an insurance doctor in another area suggested that the company had appealed against the decision of another Insurance Committee that it was guilty of a breach of contract in a parallel instance. The appeal was to be heard by the Ministry at an early date, pending which other Insurance Committees were withholding action.

CENTURY-AND-A-QUARTER OLD

During the past few weeks the business of Braddock & Bagshaw, Ltd., wholesale and retail chemists, 37-39 Yorkshire Street, Oldham, completed 125 years of its existence. Prior to 1820 Oldham had no chemist, though there existed a shop kept by a Mr. Orme, in which the sale of drugs and simples was combined with that of toffee and sweets. On March 11 of that year William Braddock, who had served an apprenticeship in Nottingham under Mr. Nunn, the proprietor of a business in Bridlesmiths' Gate, opened Oldham's first chemist's shop in High Street. It is of interest to note in passing that the Bridlesmiths' Gate, Nottingham, premises had housed for upwards of 200 years without intermission a business in drugs and medicines. In April 1827 the business which was established by William Braddock in Oldham was transferred to 37 Yorkshire Street, where it is still carried on by members of his family. Subsequent owners were H. B. Bagshaw and William Bagshaw, nephews of the first William, who had been his apprentices. In 1913 the business was converted into a private limited company with the son of H. B. Bagshaw (the late Mr. Harold Bagshaw) as governing director. An extension took place in the same year, when a business at Werneth was acquired.

Adjoining premises to the original shop (a No. 39 Yorkshire Street) were added i August 1925. A new branch was als opened at a later date in Chamber Road Oldham

It may be considered remarkable that original posters, one announcing the oper ing in High Street, and another the remova to Yorkshire Street, have been preserved They bear their respective dates imprinted a feature which present-day printers migh revive, and are a source of interest to many partly on account of their antiquity and perhaps because of their rather quain William Braddock became wording. member of the Pharmaceutical Society of July 1, 1844. He was a man of great enter prise and carried out much building in th town, being notably the constructor of Oldham's first public market and large hall

Since the death of Mr. Harold Bagshav during an *air raid in October 1941, th business has been carried on by his daughter Miss C. M. Bagshaw, who is a member of the Pharmaceutical Society and also hold the degree of B.Sc. in pharmacy. Also of the board or directors are A. J. Bagshaw H. N. Wilkinson, M.P.S., H. S. Bagshaw M.B., Ch.B., D.P.H., F. B. Bagshaw M.R.C.S., L.R.C.P., and L. Fettes.

OPINION ON NORTHERN IRELAND BILL

In response to the Editor's invitation, the president of the Chemists' and Druggists' Society of Ireland (Mr. Fred Storey) has sent the following statement for publication on the Medicines, Pharmacy and Poisons Bill, Northern Ireland:—

I willingly accept the kind invitation of the Editor of The Chemist and Druggist to express my opinion of the Northern Ireland Medicines, Pharmacy and Poisons Bill. Any opinion, however, which I may express on the Bill is based on a rapid survey, as I did not see this Bill until after it was published.

Having taken an active part in the drafting of the 1925 Act, I was particularly interested in the incorporation of material based on recent pharmacy legislation in Great Britain. There are a few points in the Northern Ireland Bill which should be of interest to your English readers; for example, the definition of "shop" specifically excludes stall, van or barrow. This exclusion should, to a very great extent, prevent litigation. "Temporary absence" (Clause 20) may give rise to some difficulty

in interpretation, and so far as employing an assistant to take over is concerned, the Bill states that such a person's qualification must be that of "registered assistant." do not think that there is any equivalent qualification in Great Britain. Again, with regard to the qualifications required to ac as secretary and inspector, the clauses dealing with these matters state that the qualifications for both positions must be in accordance with the provisions of Parl IV of the Second Schedule to the Act of 1925." I do feel that the clauses should be expanded to include other registered pharmaceutical chemists. A suggestion has already been sent to the Home Office to this effect. Other points in the Bill are of general interest, such as compulsory membership, which should be effective in inducing licentiates to take a greater interest in the affairs of the Society. The setting up of a Statutory Committee should establish control over chemists similar to that adopted by other professions. power to use the funds of the Society for the purpose of providing scholarships is

rtainly a move in the right direction, and Il encourage students to take the B.Sc.

gree.
I am pleased to note that power has been ken in the Bill to deal with potent subances, as this will be of great benefit to emists and a safeguard for the public. I

tried to get a "potent" schedule included in the 1925 Act, and this might have been done, but unfortunately some of my colleagues did not support my scheme. Taking the Bill as a whole, I consider it sound and satisfactory, and that its passing would greatly increase pharmacy's prestige.

NORTH-EAST LANCASHIRE BRANCH REVIVED

FTER a lapse of six years, the North-east ncashire Branch of the Pharmaceutical ciety has resumed its activities. There as a large muster of members at a meeting April 10, when Mr. EMERIC A. ECCLES, swaldtwistle, who presided, said the revious occasion on which they had met r annual business was in March 1939. nce then it had been thought desirable to spend activities. Now that conditions ad been improved and Civil Defence and milar work reduced or abandoned, memers could devote themselves more to ofessional and trade interests. He did not ink peace would be long delayed, and he ked the meeting to devote itself to a ogramme of events with that supposition view. Mr. Frank Gillibrand, secrery, who presented the balance sheet for e treasurer (Mr. A. Stephenson), who was hable to attend, said no grant had been ceived from the Society since 1939. It as decided to apply for a grant.

fficers

Mr. E. A. Eccles was re-elected *President*; r. T. Stanley Nowell was made Presidentect; Mr. Frank Gillibrand, Secretary; r. A. Stephenson, Treasurer; and ommittee was appointed consisting of the nairman and secretary of the Blackburn hemists' Association, ex-officio; Messrs. . S. Nowell and L. Mossop; Messrs. R. urnbull, W. Pomfret, R. H. Lucas, N. E. ones, A. Hope, W. B. Bracewell, F. fullineux, and H. H. Atherton from lackburn borough; Mr. S. D. Sidebottom om Accrington; Mr. J. Howley from cossendale; and Mr. P. Doyle from arwen. The following special committee as formed to arrange social and educa-onal events: Messrs. F. Gillibrand, F. curke, L. Mossop, J. Gillett, R. Turnbull and H. Carter. The Chairman said Mr. idebottom was not able to attend because f indifferent health. He was the second resident of the branch, and had done ood work in its interests as a representative or the Accrington area; he had also served n the committee since the branch was ormed. Such service deserved recognition.

It was decided to organise a social event for members and their wives immediately peace was declared. THE CHAIRMAN said it was also necessary to revive political and educational interest, and Mr. L. Mossop thought it would be useful to arrange visits to works, etc. Mr. Turnbull said members would be better able to assess facilities when peace had been restored, and they knew how matters stood; there was no occasion for haste. It was decided to ask for a visit from Mr. H. N. Linstead, M.P., at an early date, and authority was given for a refresher course for pharmacists at Blackburn Technical College. A collection for the Benevolent Fund realised £6 5s.

N.P.U. ELECTIONS

ELECTIONS are being held in two areas this year to fill vacancies on the Executive Committee of the National Pharmaceutical Union. The persons elected will hold office until March 31, 1947. One contest is in Southern Division 2, which comprises Berkshire, Gloucestershire, Hampshire and the Isle of Wight, and Wiltshire. Five members have been nominated:-

Mallinson, Jack Douglas, Southampton. McNeal, James Fallows, Amersham. REES, William Talvan, Cheltenham.

SAYER, Sidney, Aldershot.

Tydeman, Samuel George, Bristol.

The other contest is in the Metropolitan Division. The Division covers London (postal area), Middlesex and Surrey. Three members have been nominated:-

BOOTH, Thomas Charles Neville, London,

CUNNINGHAM, Ivor John, Hounslow.

SKUES, Ernest, London, S.W.17.

The time-table for the election is as follows: Nominations closed: 12 noon, April 16; voting papers to be issued: .Wednesday, April 18; voting papers to be returned: not later than 12 noon, Tuesday, April 24. The result of the elections will be declared on April 25. Each elector in the appropriate division has one vote in respect of each shop in the division for which he has paid a subscription at the time of voting.

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. CXLIII

APRIL 21, 1945

NO. 3402

fact that goods made of raw materials hort supply owing to war conditions are ertised in this paper or described in its orial columns should not be taken as an cation that they are necessarily available export.

Purchase Tax Concession: Treasury Proposals

purchase tax first became operative on ober 20, 1940. The primary reason for neeption was not so much that of raising the ast to stop spending on war-time aries and to release labour for more intial work. The schedule of goods made lear that, in the Government view, goods products that were normally considered assities were, under war conditions, and upon as luxuries or at least not as entials. Food and drink were the only modities not made liable to the tax. The rates of duty ranged from 16\frac{3}{3} per cent. The operation of the product.

Manufactured or prepared drugs, medies and substances or preparations put for medical or veterinary use" (Class 19) e taxed at 16% per cent. On November 3, 1, a short list of products designated sential drugs of an exceptionally thy character (including insulin, liver ract and active principles of liver)" e exempted from the tax. (Customs ice No. 78B, June 1943). The Treasury proposes to make an Order exempting extain essential drugs and medicines of exceptional character" (see p. 399).

There is a strong feeling in the drug trade that drugs and medicines should not have been made liable to this "economy and luxury" tax and, in due time, no doubt efforts will be made to secure the cancellation of Class 19 from the schedule of chargeable goods. This present list, however, should not be taken as a pointer to the coming relief from the tax of all drugs and medicines. In our view it is simply the rectification of omissions in relief from tax that should have been made at the time the original Order was issued in 1941. For instance, "ether (anæsthetic)" was exempted in 1941, but "vinyl ether" continued taxable and is now to be exempted. Again, "ethyl chloride" was made free of tax in 1941, "perfumed ethyl chloride" continuing taxable: it is now to be made free of tax. In connexion with the Treasury proposals the following points should be noted:-

Paragraph 2.—Phenothiazine by itself is already exempt from purchase tax.

Paragraph 3.—Insulin-protamine-zinc, desiccated stomach and the dimethylcarbamic ester of 3-hydroxyphenyl-trimethyl-ammonium-methyl-sulphate are already exempt from purchase tax.

Paragraph 4.—The effect of this paragraph is twofold. It adds to Group 111, set out on p. 8 of Customs Notice 78B, dated September 1943, the substances specified in sub-paragraph (1), and it transfers to that group, from Group 11 so set out, pituitary (posterior lobe) extract.

Paragraph 5.—Para-aminobenzenesulphonamide and certain preparations containing that substance, certain derivatives thereof and salts of certain derivatives thereof, being preparations not containing an aminoacridine flavine, are already exempt from purchase tax.

While this further small relief in commodity taxation proposed by the Treasury may be welcomed, such piecemeal cutting of schedules of taxable goods is not by any means satisfactory to the trade. Manufacturers and wholesalers will once more need to revise their price lists very carefully and when the products are free of tax much additional work will be thrown on the N.H.I. authorities. When the Government does decide to remove the tax on drugs and medicines generally it is to be hoped it will not take two bites at this morello cherry.

Hydrocarbon Oil Duties Report

THE Hydrocarbon Oil Duties Committee was appointed in July 1944, to consider and report upon the effect of the hydrocarbon oil duties on the supply of raw materials to, and the development of, the chemical industry in this country so far as the use of hydrocarbons and their derivatives was concerned; and the extent to which any change in those duties would affect industries engaged in the production of similar products from coal. The Committee, whose report has now been published (Cmd. 6615, H.M. Stationery Office, price threepence), records its finding that the hydrocarbon oil duties have had both a direct and an indirect effect on the supply of raw materials to the chemical industry in this country so far as the use of hydrocarbons and their derivatives is concerned. The Committee is impressed by the magnitude of the prospects now before the synthetic organic chemical industry of the world, and by the necessity for this country to occupy a prominent place in the new developments, which will have a powerful influence far beyond the bounds of the chemical industry. Apart from the direct benefit to home and export trade, the development of an industry yielding a wide range of products needed alike in peace and war, and requiring vast quantities of equipment of all kinds as well as large numbers of highly-trained scientific personnel, will be of the profoundest national importance, industrially and strategically. The direct and repercussive influence of the hydrocarbon oil duties on the prospective expansion of the chemical industry is likely to be far greater than their effect in the past, and in the Committee's view it is therefore urgently necessary that the industry should be relieved of this encumbrance.

Committee's Proposals

Separate treatment of imported and home-produced oils is called for in order to give effect to this view. The case of imported oils is relatively straightforward, and the Committee recommends that chemical manufacturers should be allowed to receive free of duty, under appropriate safeguards, any imported hydrocarbon oil for use as

raw material in chemical synthesis, ar that this waiver of duty should be extende by amendment of Section 2 of the Finan-Act, 1934, to cover any hydrocarbon ("used" in a refinery in the production chemicals or chemical raw materials.

The case of indigenous oils is more difcult since these bear no duty. If the recor mendation in the preceding paragraph we implemented but no change were made the position of indigenous oils, the effe would obviously be to deny these oils the chemical manufacturer. The impo tance of coal and the allied industries this country can hardly be over-estimate and the national interest would not l served if the chemical industry were to l developed entirely on imported oils. would thus accord neither with the nation interest nor with the guarantee of prefe ence until 1950 in respect of light oils, ar heavy oils for road fuel use, given in 193 to require the home oil producers to supp raw materials to the chemical industry : a reduced price, and to bear the cost of the reduction themselves. The Committee therefore recommends the payment chemical manufacturers of an allowance ninepence per gallon in respect of indigenor light hydrocarbon oils, and of one penr per gallon in respect of indigenous heav hydrocarbon oils, used by them as ra materials in chemical synthesis. producer who manufactures chemicals from his own hydrocarbon oils should also h eligible for this allowance.

New Chemical Industry

The implementation of this proposi would encourage the development of th new chemical industry without seriousl altering the relative competitive positic of other industries which supply, or ma in the future supply, hydrocarbon oils a raw materials for chemical manufactur The attention of the Committee has, how ever, been drawn to the fact that a reduc tion in the price of benzole to the chemica manufacturer would result in a fall in th cost of synthetic products; these woul include the non-hydrocarbon compound also derived directly from tar, and the ta distiller would thus suffer a loss of revenue An outstanding example is phenol, wher

price reduction, corresponding to the posed allowance of ninepence a gallon benzole, would amount to about one my per lb. The Committee is alive to importance of fostering the tar distillan industry, which provides the chemical ustry with so many valuable products, after careful consideration has come to conclusion that the price reductions in thetic materials consequent upon the plementation of the Committee's prosal should not inflict serious injury on The Comtar distillation industry. ttee strongly recommends that provision the allowance on indigenous oil be made integral part of the preference provisions, d no limit of time be placed on the exption from duty of imported oil so long it is used as a raw material in chemical

Owing to the difficulty of estimating the e of progress of the new developments it not possible to forecast the probable cost

of exempting from duty imported oils used as raw materials by the chemical industry.

Cost of Recommendations

On the basis of the pre-war consumption of indigenous hydrocarbon oils by the chemical industry, the total cost of implementing the Committee's recommendations would be something under £400,000 per annum. Any increase in the consumption of similar oils as a result of the chemical industry increasing its demands on indigenous production would be met by a corresponding increased demand for imported oil for fuel use, on which the duty would be paid. Moreover, should the increased demand be met by greater output on the part of the home industry, then the allowance would have helped that industry throughout its stages right down to coal-mining. In the long run there should be a gain in revenue due to the prosperity of an important section of industry.

HARMACEUTICAL SOCIETY OF GREAT BRITAIN

MEETING of the Council of the Pharmaitical Society of Great Britain was held London on April 10 and 11, the president r. F. G. Wells) in the chair. All members the Council were present except Prosor Dilling, from whom an apology had en received.

Tuesday's Session

The Council decided to appoint Mr. W. les a member of the Central Pharmautical War Committee in place of Mr. M. ckson, who had resigned; Mr. Miles is nominee of the Trades Union Congress. For filling the vacancy the Council conlered a request from the National Pharaceutical Employees' Union for the cancy to be filled by a member of that ion.

The minutes of a meeting of the Joint mmittee on a National Pharmaceutical rvice, held on March 23, were received to minutes recorded that representatives the Committee had discussed with presentatives of the Ministry of Health train changes in the White Paper prosals which were being considered by the mister. It was proposed to enter into scussions with representatives of the ganisations that had been consulted on the statement on the Beveridge report bmitted to the Minister of Health by the

Pharmaceutical Society, the National Pharmaceutical Union and the Pharmaceutical Standing Committee for Scotland.

The Council took note of the provisions of the Medicines, Pharmacy and Poisons Bill (Northern Ireland), and instructed the secretary to pass on certain observations to the secretary of the Pharmaceutical Society of Northern Ireland.

Correspondence was received from the Newcastle-on-Tyne Pharmaceutical Committee on the constitution of the Joint Committee on National Pharmaceutical Service, and from the Thames Valley Branch of the Society on further publicising the desirability of pharmacists' stocking preparations recommended by the Ministry of Food for the extermination of rodents.

It was decided to appoint a committee to examine the White Paper on the practice of veterinary surgery by unregistered persons and to report upon its implications for pharmacy. Messrs. G. R. Knox Mawer, H. M. Hirst and W. S. Howells were appointed members of the committee, the remaining personnel to be appointed by the president from among pharmacists engaged in the supply of veterinary medicines.

THE SECRETARY reported on the progress of the Society's representations to the President of the Board of Trade and Minister of Health to secure more labour and paper

for the production of medical, pharmaceutical and similar books.

Wednesday's Proceedings

The President said he had recently visited Edinburgh, and had met there their old friend Thomas Guthrie, who had asked him to convey to the Council his best wishes. They had with them that morning the chairman of the North British Executive (Mr. Anderson), to whom he extended a cordial welcome. Mr. Anderson thanked members of Council for their welcome, and declared that, in listening to their deliberations, he would derive great help for the future.

The Registrar reported that, since the previous meeting, thirty-nine persons had been registered as apprentices, and there were thirteen applications for restoration to the register from persons whose names were removed during previous years. He also reported receipt of applications from the -Universities of Leeds, Manchester and Glasgow for the appointment of certain of their professors and lecturers and other people as examiners under the Pharmacy Acts, in order that they could be examiners for degrees at those Universities. They were as follows:—

England and Wales.—Leeds University (B.Sc. in pharmacy): Henry Percy Gilding, M.A., M.D., professor of physiology, University of Birmingham; Albert Hemingway, M.Sc., M.B., Ch.B., professor of physiology, University of Leeds; Peter Hey, Ph.C., assistant lecturer in pharmaceutics, University of Leeds; Cyril Arthur Keele, M.D., lecturer in pharmacology, Middlesex Hospital, London; and Barradale Whiddon Melhuish, B.Sc., A.R.I.C., Ph.C., superintendent of examinations, Pharmaceutical Society. Messrs. W. A. Bain, B.Sc., Ph.D., and A. W.. Lupton, M.C., Ph.C., are already on the Society's board of examiners. Manchester University (B.Sc. in pharmacy): George Albert Clark, M.D., professor of physiology, Sheffield University. Additional Examiner in Botany to the English Board: T. A. Bennet-Clark, M.A., Ph.D., King's College.

SCOTLAND.—Glasgow University (B.Sc. in pharmacy): William Murdoch Cumming, D.Sc., professor of chemistry, Royal Technical College, Glasgow; Walter Stiles, Sc.D., F.R.S., professor of botany, Birmingham University; George Macfeat Wishart, M.D., B.Sc., professor of physiological chemistry, Glasgow University; Charles Maurice Yonge, M.A., D.Sc., professor of zoology, Glasgow University.

The Council agreed to resolutions appointing the examiners to the boards, THE SECRETARY stating that the Universities paid the examiners.

A letter was reported received from Major Wierzchowski informing the Society that the Polish Armed Forces were holding a meeting in the Society's building at 7 p.1 on April 17, under the chairmanship of M. F. G. Wells, at which two papers in English would be read, one a comparison betwee British and Polish pharmaceutical method and another on Polish pharmacy beforthe war. Major Wierzchowski hoped the members of the Society would attend the meeting. Mr. R. M. Murray: I hope the will be able to give us some informatic as to how we can use our pharmaceutic skill in this country much better than we (laughter).

THE REGISTRAR said the Guild of Publ Pharmacists had made representations the Ministry of Supply about the shortage of medicine bottles, and had asked wheth the Society would support those represent tions. In preparation for the meeting, tl Society had written to the Ministry Supply, asking for its view of the situatio and had received a reply from the Depur Director of Medical Supplies saying tl position was fully realised, and that ever effort was being made to increase the nur ber of bottles available, but that the makers were at present suffering from a acute shortage of labour, while containe were required for service overseas; it w regretted that some time might elap before any improvement was likely to tal place. The letter suggested that the impo tance of salvage of bottles should be co: sidered, and recommended the Society impress this point on its members. President said the position was certain made more acute by the fact that medic men at present were prescribing larg amounts, requiring 16-oz. and bottles, which were in short supply. The seemed to be a fair number of ordinal 8-oz. and 10-oz. bottles. Mr. H. C. Sha (treasurer) said he had gained the impression from bottle manufacturers that production had been stopped because their energi had had to be expended upon turning or beer bottles for overseas use. Various mer bers of the Council spoke on this subject and made suggestions and comments.

Minutes of Committees

MR. G. R. KNOX MAWER, who moved the minutes of the Education Committee thanked the Press for publicity given to the research scholarships.

The minutes of the Benevolent Fund ar Establishment Committees were adopte Included in the latter was a report of the presumed death in action of a member the Society's staff serving in the Navy, ar o the president believed was the first mber of the staff to lose his life on active vice. The president, vice-president and J. C. Young were appointed to represent a Council on the Harrison Memorial Selecon Committee.

The minutes of the Finance and Organtion Committees were agreed, a paraaph on propaganda by Council candidates ing dealt with in Committee. Mr. F. C. ILSON (chairman of the Organisation mmittee) said the Committee had agreed recognise as a Branch a group of about enty members of the Society serving in Jona, India. These members often held eetings, and were addressed by their ficer on scientific subjects, and it was felt

the Society should encourage them. The President thought that this was the third overseas branch.

After Mr. W. Deacon had moved the minutes of the War Aid Committee, Mr. W. S. Howells asked if the chairman would supply them at the next meeting with the terms of reference of the Committee, in order the clarify in his mind the original objects of the Fund. Mr. C. W. Maplethorpe said he also would like to know precisely the original terms of reference, as a number of pharmacists—men who susbcribed quite generously to other Funds—had said to him they would no longer subscribe to the War Aid Fund. The minutes were approved.

PHARMACEUTICAL SOCIETY OF IRELAND

Ireland met on April 10, Mr. J. K. helehan (vice-president) in the chair. ther members of the Council present were essrs. P. C. Cahill, M. Power, J. P. Kissane, Brooke-Kelly, M. Costelloe, T. C. Scott, J. G. Cunningham, J. Gleeson, P. A. rady, H. P. Corrigan, T. B. O'Sullivan, X. Meagher, P. Fullam, and Sir Thomas obinson.

THE VICE-PRESIDENT welcomed back the gistrar (Mr. J. J. Kerr) and congratulated in on his speedy recovery from his recent lness. On the Council's behalf the vice-resident also thanked Mr. Gleeson for eputising for the registrar during his beence. THE REGISTRAR thanked the vice-resident and Council for their kind welcome; he felt grateful to the Council for lt the consideration shown him during his rolonged illness.

Mr. T. R. Bourke, Drumcondra, Dublin, crote acknowledging his recent appointment as examiner to the Assistant examnation.

Mr. C. H. Hampshire (secretary, British harmacopæia Commission) wrete: m directed by the British Pharmacopæia ommission to invite the co-operation of he Pharmaceutical Society of Ireland in eciding upon the contents of the new British Pharmacopæia. Lists showing the roposed contents which have been preared in connexion with the revision are nclosed, and the Commission would be rateful for criticisms of the suggested eletions and additions. The Commission esires to make the new Pharmacopæia as epresentative as possible of current medical ractice, and therefore would be glad to onsider not only opinions on the proposals now put forward, but also suggestions for other substances to be placed on the list of additions. I am directed to give the assurance of the most careful consideration of the opinions and comments received." Mr. Meagher said that the document sent with the letter was a very important one, and it was up to the Society to be able to offer some reasonable criticism of it. felt they should go outside the Council to get the widest possible criticism, and suggested a list of suitable persons, in addition to members of the Council, whom copies of the document should be supplied. The Vice-president said would be a very good idea to follow the procedure suggested by Mr. Meagher, and this was agreed to. The registrar was directed to reply to the Commission secretary informing him that the matter would receive the Council's consideration.

Licence Examination

The reports of the House, Law, Schools, Certificates and Declarations Committees were submitted and approved. The report of the last-named committee stated that forty-six candidates had entered for the Licence examination, three of whom had withdrawn; fifty-four candidates had entered for the Assistant examination, and three for the Registered Druggist examina-Mr. F. X. MEAGHER moved the following notice of motion standing in his "That the marks in the Licence examination be increased from 300 to 3,000, and that the marks in each division and subdivision of the examination be raised accordingly, the percentage marks required for winning the Society's medals to remain unaltered." Mr. Meagher said the marks of the Licence examination were such, to his mind, as to give no proper latitude to the examiners. This was so particularly in the most important subject of pharmacy, where thirty marks were spread over four prescriptions, with fifteen for a pass. The marks were totally in-Ten marks for prescription adequate. reading was not so bad, but poison law was "perfectly appalling," where they had ten marks divided up between two examiners, who set four questions on each side of the paper. How they divided up the five marks each over the four questions he could not say; the Government visitor had drawn his attention to this. Sometimes, in addition to written questions, oral questions were asked in poison law. The system did not matter so much to the student who was all right, but for the student making a fight for it it meant a great deal. Twenty marks for the B.P. paper was also far too little. In the Leaving Certificate and the Intermediate examinations, in the old days, always 400 marks were given for a subject. He thought the only way to remedy the present position was to raise the standard This was essential in pharmacy, tenfold. but not so much in the other subjects. He had discussed the matter with the president and the pharmacy examiners, and all had agreed with him that the change was desirable. The motion did not say when the change should come into operation, but he suggested it should be operative with the first examination in October, when the Society's academic year began. The whole question of the Society's medals and awards should also be reviewed. Mr. P. C. Cahill seconded the motion.

THE VICE-PRESIDENT said he agreed that the change proposed by Mr. Meagher did give the examiners a great deal more scope and latitude, while making it easier for the candidate. Thirty marks in pharmacy gave no latitude when half a mark might mean the difference between pass and failure.

Origin of Marking System

The Registrar mentioned that the Society's system of marking went back nearly to the beginning of the Council. The present motion did not require any change in the regulations, and did not affect the standard of the examination, but provided a fairer way of assigning marks. Mr. Costelloe thought that more marks should be given for pharmacy than for chemistry or botany.—Mr. Gleeson: Actually at present we do give more for pharmacy than for any other subject.

Mr. KISSANE said that Mr. Meagher motion gave effect to what the examine had already in mind, and was just a matt of moving the decimal point to the right eleft.

SIR T. ROBINSON: Three thousand marl are a terrible lot to give an examiner a play around with.—Mr. Meagher points out that this number would be divided a amongst four examiners.

MR. CAHILL wondered if they should not go into the whole question of the awarding of medals, honours, and so on, in addition to the question of total marks.

MR. BRADY: It strikes me this motio makes it easier for the examiner and give the student a fairer crack of the whip.—MR. COSTELLOE: I am all in favour of ir creasing the marks but I would allot mor to pharmacy.

MR. Power said that so far as he coul see the change would make no difference

The Council adopted the motion i principle, but referred it back to th Schools Committee to work out the details

Registration and Membership

The following who submitted certificate were granted Preliminary registration Misses M. Duffy, and K. M. McHugh Messrs. J. P. O'Sullivan, G. P. Ryall, an B. Ward.

The following changes of address wer notified:—

Mr. F. Rouse, to 8 Mardyke Street, Athlone co. Westmeath; Mr. M. J. Dore, L.P.S.I., t St. Quay, Newcastle West, co. Limerick; Mr. W. Kelly, L.P.S.I., to 17 Upper Linenhal Street, Derry; Mr. D. C. McDougall, L.P.S.I. to 23 Aungier Street, Dublin; Mr. W. B Stewart, L.P.S.I., to 83 Lloyd Avenue, Went worth, Durban, Natal; and Miss M. Fitzpatrick Assistant, to Eightercua, Waterville, co. Kerry

An application by Mr. Patrick M. Joyce who submitted a certificate and requester restoration to the Registered Druggis register, was granted.

Applications by Drs. P. J. Geraghty and D. C. McAllister, both Licentiates of Apothecaries' Hall, submitting certificate and requesting registration as pharma ceutical chemists, were granted.

The following were elected members of the Society: Miss S. Barry, and Messrs C. Clarke, J. G. Duffy, E. F. McCaffrey, and C. Newton. The following were niminated for membership: Miss M. Forde, I Castle Street, Carlow; Dr. D. C. S. McAllister, 7 Queen Street, Warrenpoint; Mr. O. J. O'Callaghan, the Dublin Pharmacy, Waterville, co. Kerry; and Miss T. O'Connell, Castlecor, Kanturk, co. Cork.

IANCHESTER URGES APPRENTICESHIP REFORM

HE question "Should Apprenticeship be odified?" was discussed at a meeting of e Manchester Pharmacists' Association d Branch arranged by the Junior Branch the Association on March 27. The dission was introduced by three speakers: essrs. W. E. Phillipson (president of the sociation), J. Tomlinson (junior secrety), and S. Boulton (a student at the

niversity).

Points made by Mr. Phillipson were at medical diagnosis and treatment had vanced so rapidly in the past generation at the pharmacist who had not kept in uch with these developments was outted. In the future, pharmacy would adnce towards pharmacology, and the armacist would become a consultant in escribing, because fundamentally he was neerned with the action of drugs. The odern pharmacist would have to add to s equipment ampoule fillers, sealing apratus, sterilisers, homogenisers, etc. The ucational standard required for entry to pharmacy should be that of the Unirsity. Training could be given by pharacists in shops, hospitals or laboratories proved by the Pharmaceutical Society. he title apprentice belonged to trades and oilds, not to professions, and should be candoned. Pupils might be allowed to alify before reaching twenty-one years age; registration would then come after ey had served their term of pupilage.

odified, Not Abolished

Tomlinson said apprenticeship MR. ould be modified, not abolished. He welmed the Society's decision to exercise ntrol of the conditions under which traing in articles of pupilage could be given in narmacies. After July 1, information ould be required about staff, equipment, articulars of dispensing done, etc., in any narmacy where it was proposed to have articled pupil. Approval would be given ly to pharmacists possessed of a definite andard of equipment and who were preared to give a real pharmaceutical traing to the apprentice. Mr. Tomlinson ought apprenticeship should follow the termediate examination. The subjects r the Intermediate were purely scientific; ey were complementary to and did not ash with practical instruction in profesonal subjects. Secondly, the pupil would e able to concentrate on mastering the structions received, and to pursue intellient reading. While young, the pupil

would take more kindly to discipline, performance of routine duties, and so on. He would gradually gain confidence in the correct and sympathetic handling of customers and patients. Finally, the apprentice would have time to develop himself socially and make contact with other professions.

Qualifying Age Too High

Mr. S. Boulton criticised the duration of apprenticeship. A four-years' apprenticeship meant that a youth leaving school with matriculation was twenty-two years of age by the time he gained his M.P.S., and twenty-three if he took the Ph.C. diploma. This age was too high, and compared unfavourably with B.Sc. or B.A. degrees, students for which could graduate at twenty. After a relatively short time, the apprentice became a useful unqualified assistant, but he received little real pharmaceutical training, and the dispensing methods he was taught had to be revised when he entered the University. He suggested a two-years' apprenticeship, in which the apprentice had a definite and strictly enforced scheme of training laid down by the Society, and then proceeded to the University for the Chemist and Druggist Qualifying course; alternatively, a general apprenticeship of one year, followed by a two-years' course for qualification. Actually the present regulations laid down by the Society were admirable if they were carried out. He thought an example should be made of pharmacists who neglected their obligations in the matter of training. The present one-year course did not permit pharmacy students to enter into the full activities of university life. Nothing short of a full university course was adequate for pharmacy if professional status was to be raised.

In the discussion that followed there was general agreement that the Intermediate examination should be taken prior to apprenticeship. The following resolution was passed: "That this meeting is of the opinion that a reform of the apprenticeship regulations is overdue, and that in any revision one apprentice only should be allowed to each registered pharmacist in any pharmacy."

N.P.U. Purchase and Guarantee Fund.— With your support will help provide financial backing for keeping individual pharmacies in private ownership.

SECRETARY PLEASES NEWCASTLE MEMBERS

Newcastle-on-Tyne, Durham, and Sunderland chemists and students met at Newcastle on March 28 to hear an address by Mr. H. N. Linstead, O.B.E., Ph.C., M.P. (secretary, Pharmaceutical Society), on "The Pharmacists' Position in the New Health Service." Mr. Linstead dealt with the new health service as an extension of the present N.H.I. scheme and outlined the scheme of the Society and of the Joint Committee.

Questions

Asked what facilities had been provided to find out the views of pharmacists in the Forces, Mr. Linstead replied that it was better to get on with the job now than to wait until after the war was over; a questionnaire could be sent to pharmacists in the Forces, in spite of all the difficulties involved.

Mr. Ridley, Newcastle, asked about control over the sales of "patent" medicines, and urged that stricter wording should be given to the phrase "dispensing by or under the supervision of a pharmacist." The reply was that "patent" medicine advertising was not justified, and that the Minister of Health was bound to take action. The speaker agreed that stricter wording about dispensing was desirable.

Mr. Atkins, Newcastle, was told it would be for the local committee to say whether another pharmacy was needed in a given area.

MR. JACKSON, Whitley Bay, spoke on local authority control, and MR. LINSTEAD said that pharmacist representation on local authorities was a vital need.

A member asked what would happen if the multiple concerns made a separate arrangement with the Ministry to do all the dispensing. Mr. Linstead did not think this would happen, but, if it did, nothing could be done; he did not think the public would like such a step. Another member considered that a better service was dependent on the return of serving pharmacists, and urged that such actions should be given priority.—Mr. Linstead gave details of the demobilisation scheme, and urged that not all serving men should apply at once and thus break the scheme.

MR. DUNN, Whickham, spoke of the good work Mr. Linstead had done and was doing in Parliament, and suggested that more pharmacist representatives were needed to support him.

MR. LINSTEAD replied that Mr. Adams

was secretary of the Parliamentary Co mittee, but he believed there were three four possible candidates. When a mem asked which political party the Society si ported, the reply was that any good p son with attractive prospects of bei elected was eligible for support, irrespecti of party.

MR. FLEMING, Newcastle, spoke in favo of retaining the local Insurance Committe Whitehall, replied the speaker, had had change of heart on the subject of Insurance Committees, which were to continuthough the approved society section wor be dropped.

Messrs. Dagg, North Shields, a Riley, Sunderland, who asked regardiremuneration, were told that profession remuneration was hoped for. It was n intended at present to lower the standa for entrants into the profession.

Mr. Penman, Sunderland, spoke of the possibility of chemists not getting the dipensing. The reply was that this country hardly be foreseen.

The Chairman (Mr. R. Bartle, Nev castle) voiced members' pleasure at havir Mr. Linstead present, and Mr. Melros (president, Durham Branch) proposed vote of thanks, which was seconded t Mr. J. M. Rowson (head of the pharmac department, Sunderland Technical College Mr. Linstead was previously entertained tunch by the chairman, vice-chairman, an secretary of the Newcastle Branch.

INQUESTS

Aspirin Suicide.—A verdict of suicid while the balance of her mind was disturbe was recorded at an inquest in Birmingham on March 23, on Mrs. Frances Aller Saltley, Birmingham, who died after takin about 100 aspirin tablets.

Phenobarbitone Suicide.—A verdict tha he died by his own act while the balanc of his mind was disturbed, was recorder at an inquest at Hull, recently, or Dennis Wood, who died from cardiac and respiratory failure caused by the taking of a quantity of phenobarbitone tablets.

Salt of Lemon.—A verdict of suicide while the balance of her mind was disturbed was returned at an inquest recently on Miss Griffiths, Abersoch, Carnarvon North Wales. A small tin containing salt of lemon was found in the kitchen, and when found ill Miss Griffiths admitted having taken a teaspoonful.

SCIENCE AND INDUSTRY IN AUSTRALIA

an address given before the Royal ciety of Arts recently, Mr. Guy B. Gresd (Australian Scientific Research Liaison ice) dealt with "Scientific Aspects of stralian Industrial Development." While main part of his address was taken up the the wool industry, there were reference to the mineral wealth and chemical custry of the Commonwealth.

emical Manufactures

The discovery that the soils of many ble areas were deficient in phosphates, said, led to the use of artificial fertilisers, th consequent development of their nufacture locally on a large scale; this, turn, gave rise to developments in the nufacture of sulphuric acid. elve months ended June 1940, the value mineral production from all sources in Commonwealth was about £40 million; this about £17½ million was represented gold, the remainder being mainly coal. d, silver, iron, zinc, and copper. Broken ll, in the west of New South Wales, was main producing area for lead-silver-zinc es, the deposits there being probably the st extensive high-grade deposits in the rld. Other mines were situated at Mount , Queensland, and on the west coast of smania. The Broken Hill field had been e centre of such intense metallurgical periments for so many years that it was rth dealing briefly with some of the ocesses that had been developed there. ace the eighties of last century there had en three stages of development. t ended at the close of the century, prior which operations were confined to the ning of rich carbonate ores and their elting at Broken Hill, or at centres in uth Australia convenient to the seaard. The next stage, which continued to 1914, was when most of the companies rking the field were producing lead-zinc icentrates and selling these products for al treatment overseas. The present stage development began about 1915, and led the whole of the lead concentrate oduced being reduced to metal. elting was also carried out at Fort Pirie, uth Australia, while zinc was produced ctrolytically at Risdon, Tasmania. ntinuous lead-refining process of drossed elter bullion had been evolved by the ff of the Broken Hill Associated Smelters, Port Pirie refinery being the only one its kind in operation in the world. Bullion wed continually through the refinery at

the rate of twenty to thirty-four tons hourly. In the course of its flow, the bullion was successively refined for arsenic and antimony, silver and gold, and zinc. Arsenic and antimony were removed by oxidation in softening furnaces, and, after adjustment of temperature, the softened bullion was discharged into the top of a de-silverising kettle. Zinc was added to form an alloy of lower specific gravity than the lead, and this floated on the surface. In this way the silver and gold were removed and the de-silverised bullion collected in the bottom of the kettle, from which it was drawn off continually by a siphon discharge-pipe. The third stage in refining consisted of removing the zinc from the de-silverised lead by an oxidation process similar to that used for the preliminary softening.

Eucalyptus Oil

In the discussion which followed Mr. Gresford's address, Dr. J. L. Simonsen, F.R.S., said he was sorry, as one who had worked on Australian products, that nothing had been said about the eucalyptus or essential oil industry. In that field a great deal was owed to the work of Smith and Baker, and he thought there was a fine future for Australia in the development of an essential oil industry based on eucalyptus. Already, in this country, one important ingredient (piperitone) had been utilised. Tribute was also paid to the work of Mr. A. R. Penfold.



THE DUBLIN CHEMISTS' GAELIC FOOTBALL TEAM (with friends), which met and beat University College, Dublin, team recently by one goal (7 points to 4 points), thus winning its second game in the G.A.A. Colleges' League. Front Row (left to right): G. O'Carroll, K. Banks, E. Power, B. Cronin, T. O'Keefe (vice-captain), T. J. Banks (captain), S. Fox (secretary), J. Cassidy, P. Shaffrey, T. Cosgrove, M. Fay. Standing (left to right): P. C. Cahill (president, Chemists' Gaelic Club), B. Magnier, B. O'Donnell, E. Hayes, B. Kissane, B. Nutch, G. Henry, J. Kennedy, G. Lyncy, J. McLoughlin, J. Roche, D. Drugan, C. Donnellan, P. Leyden.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, April 18

ONCE again most of the markets have experienced only a small inquiry during the week, with business tending to remain below the recent war-time average. Prices are firm, with few movements either way. No important price changes have occurred in Pharmaceutical Chemicals, but the prices of one or two minor products have

been slightly amended.

Business in Crude Drugs has mainly been confined to the filling of small routine orders. Extremely few changes in prices, either for or against buyers, are recorded, and trade as a whole shows no improvement on the dull tone reported last week. The shortage of supplies of an increasing number of items, coupled with the fact that many arrivals are being allocated to consumers, reduces market business to a minimum. There is a good demand for Aloes, but stocks, except for a little Curação, are exhausted. Balsams are again unchanged, with Tolu still unobtainable. Belladonna remains firm at the last-mentioned price. No Benzoin can be obtained at present. Chillies and other spice products remain steady, but only a small business is being transacted. Spot supplies of Jaborandi are now exhausted and the price is nominal. A few price changes are recorded in Waxes.

The Directorate of Medical Supplies proposes to recommend import licences for limited quantities of Balsam copaiba, EUPHORBIA, SASSAFRAS BARK OF ROOT, Bayberry Bark, Black Cohosh Pichi during the period ending March 31, The Botanical Drug Importers' Section of the London Chamber of Commerce has been asked to arrange for their importation, and the Section invites firms which, during the period 1936-41 inclusive, imported any of these drugs, to communicate with the Section not later than April 27. By "imported" is meant arranged the shipment and paid the overseas supplier. The information received will form the basis of recommendations to the Directorate.

Business in Essential Oils remains particularly quiet, and there is little or nothing of interest moving in these markets. Practically all supplies of essential oils outside the control scheme are now exhausted, but high prices are mentioned for second-hand supplies of Anise and Peppermint.

Pharmaceutical Chemicals

ACETANILIDE.—Makers' prices are unchanged at 2s. 5d. per lb. for crystals, and 2s. 6d. for powder.

Allobarbitone.—Makers' quotation is unchanged at 60s. per lb.

Boric acid.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards.

CALAMINE, B.P.C.—Prices are steady as follows: 7-lb., is. 8d. per lb.; 28-lb., is. 6d.

CITRATES.—Makers' prices per lb. are as follows: Potassium, in 28-lb.—1-cwt. lots (containers in brackets): 3s. 6½d. (1-lb.); 3s. 3d. (4-lb.); 3s. 3d. (1-lb.); 3s. 3d. (28-lb.); Iron and Ammonium (scales) B.P., is at 2d. per lb. above, and Sodium is at 3d. per lb. below these prices. Potassium and Sodium powder, one penny per lb. extra.

Dextrose.—Current prices per lb., in lots of 28-lb.—I-cwt., are as follows (containers in brackets): Is. 2\frac{1}{4}d. (I-lb.); Is. I\frac{1}{4}d. (2-lb.); Is. 0\frac{3}{4}d. (4-lb.); III\frac{3}{4}d. (7-lb.); III\frac{1}{4}d. (14-lb.); Io\frac{3}{4}d. (28-lb.).

Lactates.—Prices are as follows: Lactic actd.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. Calcium lactate.—Small quantities, 2s. 5d. per lb. Calcium sodium lactate.—Powder, small lots, 3s. 7d. per lb.; 14-lb., 3s. 4d.; 28-lb., 3s. 2d.; granular, one penny per lb. extra.

Potassium permanganate, B.P.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. Technical (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. Technical (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms are net, carriage paid station, containers extra and returnable.

SANTONIN.—A schedule of reduced prices was given last week (p. 387).

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for use in antiseptics of the chloroxylenol type.

THEOBROMINE.—The following prices are ruling: Alkaloid.—Smalls, 44s. 6d. per lb.; 7 lb.—28 lb., 43s. Sodium salicylate.—Smalls, 26s. 3d.; 7 lb.—28 lb., 25s. 3d. Tins extra when supplied.

Vanillin.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

ALOES .- Spot supplies of Cape are exhausted, ut it may be possible to find a little Curação.

Balsams.—Unchanged, with Canada steady n spot at 11s. 6d. per lb., and Peru at 7s. 9d. o 8s., duty paid. Tolu and Copaiba are unbtainable.

Belladonna.—Spot quotations for Indian af are steady at 6s. to 6s. 3d. per lb., according test; root testing 0.25 per cent. may be btained at 2s. 3d. per lb.

BISMUTH.-Metal remains in good demand t 6s. 3d. per lb. for minimum 5-cwt. lots.

CARDAMOMS.—Current spot prices are as ollows: Aleppy greens, 5s. 6d. per lb.; Aleppy eed, 6s. 6d.; split seed, 5s. 6d.

CHAULMOOGRA.—Hydnocarpus, spot, in tins r cases, 1s. 9d. per lb.

CHILLIES.—Supplies are good at 110s. per

CLOVES.—Zanzibar, spot, London, 1s. 51/4d. er lb., sellers.

COCHINEAL.—Silvers, afloat, are quoted at s. per lb., landed.

COLOCYNTH.—Fair white pulp is quoted at s. 10 d. per lb. on spot.

DIGITALIS LEAVES.—Portuguese leaf may e obtained at 140s. per cwt., and English at s. 6d. per lb.

Ergot.—Supplies are short, but the price f any available good-quality material is naltered at 6s. 6d. per lb.

Gum acacia.—Kordofan cleaned sorts is uoted on spot at 75s. per cwt.; bleached, 75s.; Talha, cleaned, 50s. per cwt., landed.

HENBANE.—Indian, 250s. per cwt.; some ow-testing material may be had at 60s. per wt.; Russian, 350s.; Egyptian (muticus), 75s.

JABORANDI.—Stocks are now exhausted; rice is nominal at 65s. per cwt.

JALAP.—Some 12.7 per cent. may be obtained t 5s. per lb., and some 10.1 per cent. at 3s. 6d. Nux vomica.—Cochin is quoted on spot at 7s. 6d. to 4os. per cwt.; forward, 31s. to 32s., i.f.

PEPPER.—Maximum prices of whole pepper, ot picked over or cleaned, on sale to processors, s. 4d. per lb. for white and is. per lb. for black.

Quassia.—Spot, quoted at 37s. 6d. to 40s. er cwt., according to quantity.

Quillaia Bark.—Crushed or cut may be had n spot at 100s. per cwt.; natural is quoted at os.; shipment, 65s., c.i.f.

SEEDS .- No developments have occurred in hese markets, conditions remaining quiet and rices unchanged. Coriander.—Practically no upplies available; price nominal at 65s. per wt. Cumin.—Maltese, spot, 110s., buyers; ndian, 110s., buyers. Dill.—London, 85s.; iverpool, 80s. Fennel.—Higher at 100s., ousiness done and sellers. Fenugreek.—ondon, 75s.; Liverpool, 67s. Mustard. controlled prices are unchanged.

Senna.—Alexandrian medium pods are at 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, is. 3d. to is. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 9d. to $ro_{\frac{1}{2}}d.$; No. 2, 7d. to $7\frac{1}{2}d.$; No. 3, $5\frac{1}{2}d.$ to 6d.

Souill.-Portuguese bulb, dried and sliced, is priced at 80s. to 87s. 6d. per cwt. Indian, 40s. to 45s., according to quantity.

STRAMONIUM LEAVES.—Dealers' price for Indian leaves is steady at 80s. per cwt.

Tragacanth.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

VALERIAN ROOT.—Powdered Indian root may

be obtained on spot at 120s, per cwt.

Waxes.—Bees'.—Available in London at the following prices per cwt., delivered at store, U.K., effective October 16, 1944, for ton lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; lots of under one ton, at premiums as follows: 10-20 cwt., 2s. 6d. per cwt.; 5-10 cwt., 5s. per cwt.; 1-5 cwt., 10s. per cwt.; under I cwt., at premiums as arranged by Association members at their discretion. CARNAUBA.— Fatty grey, 525s. per cwt., ex store, in minimum ratty grey, 525s. per cwt., ex store, in minimum one-bag lots; shipment, 425s.; Primeira, 600s. per cwt., ex store; shipment, 475s., nominal, c.i.f.; medium yellow, 575s.; shipment, 445s., nominal, c.i.f.; chalky grey, 530s., nominal; shipment, 400s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). CANDELILLA.—To arrive. Under I ton, 215s. per cwt.; I-5 tons, 212s. 6d. 25 tons and over 212s. 6d. ex store. 213s. 6d.; 5 tons and over, 212s. 6d., ex store. Ouricuri.—Spot, 305s. to 330s. per cwt.; shipment, 26os., c.i.f.

Essential and Expressed Oils

Castor.—"Firsts" are officially quoted at £82 per ton, and "seconds" at £80, both naked ex works, in bulk lots.

CITRONELLA.—Ceylon, spot, about 20s. per lb.; Java, approximately 27s. 6d., if available.

CLOVE.—English distillers' prices are unchanged at from 12s. 6d. to 13s. per lb., according to quantity.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties quoted naked ex works.

Eucalyptus.—Any available supplies of 70 to 75s. per cent. would be worth approximately 8s. 6d. per lb.

GINGERGRASS.—Small lots would be worth around 22s. 6d. per lb.

NUTMEG.—English distillers' prices remain at 45s. per lb.

RAPESEED.—Official price for bulk lots is unchanged at £88 per ton, naked ex works.

TRADE MARKS

(From "The Trade Marks Journal," March 28)

Monogram "D.H.A." against outline Australia; for lint and gauze for medical and surgical purposes, bandages, bunion and corn plasters, all for export; also "D.H.A." for eucalyptus oil, eucalyptol, eucalyptus red gum, hyoscine hydrobromide, atropine, æsculin, all for export (5). By Drug Houses of Australia Export, Ltd., 2–3 Norfolk Street, Strand, London, W.C.2.

2-3 Norton Street, Strand, London, W.C.2. B629,478, B629,884 (Both Associated).

"CALKOL"; for pharmaceutical preparations (5). By Bengué & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex, 630,696 "VINTANIM"; for medicated tonic preparations (5). By Gale, Lister & Co., Ltd., Galista House, Corn Exchange, Leeds. B632,006 (Associated).

(Associated)

"ELYRACTIN"; for pharmaceutical preparations and substances; "CRESORANT"; for pharmaceutical preparations of calcium cresolsulphonate for use as expectorants and cough syrup (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 632,290 (Associated) and 632,300.

S.W.I. 032,290 (ASSOCIATED) and 032,300.
DEVICE of weather vane, showing letters,
"N.S.E.W." (disclaimed) and word "PINNACLE"; for pharmaceutical preparations in the form of pastilles, gums, tablets, lozenges and powders (5). By F. O.
Maund, 17 Cornmeadow Lane, Worcester.

"BARDALIN"; for pharmaceutical preparations (5). By L. C. Mote, 5 Crescent Way, Orpington, Kent. 632,402.

"Muspax"; for preparations for destroying vermin (5). By Granto Laboratories, Ltd., 108 Mortlake Road, Kew, Surrey. 632,962 "Double Top"; for insecticides (5). By

Fubex, Ltd., 22 High Street, Kingston-on-

Thames, Surrey. 633,110.

"FIREFLY"; for pharmaceutical preparations
(5). By Mary I. Downing, 32 Hillside
Avenue, Clarkesfield, Oldham. 633,141.

"MEJENEL"; for surgical and medical plasters
(5). By Elizabeth C. Bosman, 3 Upper
Balgrays Streat London S.W. 632,161.

Belgrave Street, London, S.W.1. 633,191.

MONOGRAM "A.M.S."; for thermometers and laboratory and scientific glassware (9).

By C. W. Adams & Co., 119 Cromer Street,

London, W.C.1. 632,451. "SPLENDOR"; for surgical and medical instruments and apparatus for the treatment of the feet (excluding ultra-ray therapy) (10). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 631,598 (Associated).

"Acrobert"; for artificial teeth and dental appliances (10). By Acrodent, 30 Rosemary Street, Belfast. 633,137.

"OPLIT"; for surgical, medical, dental and veterinary instruments and apparatus (10). By Allen & Hanburys, Ltd., 37 Lombard

Street, London, E.C.3. 633,345.

"AINSLEY'S"; for fruit juices and tomato juice (32). By J. A. France & Son, Ltd., Andrews House, Gallowgate, Newcastle-on-Tyne, 632,514 (Associated).

"VACCA"; for waterproof sheeting made o rubberised textile piece goods (24). B. P. B. Cow & Co., Ltd., Factory Square Streatham Common, London, S.W.16 631,018. "TANTALISING Miss"; for mineral and aerated

waters and non-alcoholic beverages (32). B Dallington Wine Products, 318 Uxbridg Road, Acton Hill, London, W.3. 632,41

(Associated).

"GOOD COMPANIONS"; for mineral and aerated waters and other non-alcoholic drinks syrups, etc., fruit juice and tomato juic (32). By C. B. Lindsay & Co., 4 Cullun Street, Fenchurch Street, London, E.C.3 B532,440 (Associated).

APPLICATIONS AMENDED AFTER ADVERTISE MENT; Specification No. 629,048, by The Harrogate Tablet Co., Ltd., should be altered so as to read "Pharmaceutica saline preparations."

(From "The Trade Marks Journal," April 4) "Golden Dawn"; for artificial sweetenin substances, etc. (1). By Palatine Packin Co., Ltd., Barons Quay, Northwich, Che

shire. 622,938 (Associated).
"INTA"; for aniline dyes (2). By The International Colour & Hardware Co., Ltd.
2 Broad Street Place, London, E.C.2

630,683 (Associated).

"SPEED"; for hair oils, pomade and brilliant ine; skin creams, etc., toilet preparations

me, sam creams, etc., tollet preparations perfumes and tooth-paste (3). By G. R. Nordfelt, c/o Cope & Co., 65 Victoria Street London, S.W.I. B629,794.

"ANN HAVILAND"; for perfumes, toilet pre parations and perfumed sachets (3). B. Haviland Laboratories, Ltd., c/o J. E. Evans-Jackson & Co., 49 Albert Ha. Mansions Kersington Gore London S.W. Mansions, Kensington Gore, London, S.W. 7

630,762.

"COLOURMOOD" and "FYNTON"; for per fumery, toilet and cosmetic preparations toilet and shaving soap (3). By Gluvitz Ltd., 17 South Molton Street, London, W.I

B632,316-17.

"Birr"; for perfumes, cosmetics, toilet pre parations, mouth washes, bath salts, etc excluding leg make-up (3). By Osborne Garrett & Co., Ltd., 51-54 Frith Street Soho, London, W.I. 632,656 (Associated).

"Vesa-Fix"; for hair cream (3). By A. 6 Vezza, 528-32 Duke Street, Glasgow, E.I.

632,713.

"YULETREE"; for disinfectants (5). By Isol Manufacturing Co., Harper Road, Northen den, County of Chester. 633,568.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to wall conditions the Head Office of The Chemis AND DRUGGIST, 28 Essex Street, London, W.C.2 is closed on Saturdays until further notice Urgent instructions relating to advertising and subscriptions should be sent to the C. & D. 17 Argyle Street, Bath, Somerset.

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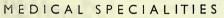
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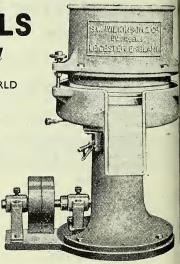
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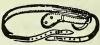


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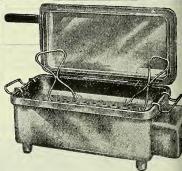


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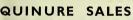
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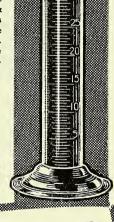


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